



L57: (2) 6611047.URPN.  
 L58: (30503) (leadframe or (lead adj frame)) and (mar  
 L59: (18540) 58 and ((leadframe or (lead adj frame))  
 L60: (2368) 59 and ((leadframe or (lead adj frame)) w  
 L61: (2368) 60 and (((leadframe or (lead adj frame))  
 L62: (2348) 61 not (27 28 38 32 33 34 35 44 45 46 47  
 L63: (1139) 62 and (chip or die or "IC")  
 L64: (163) 63 and (remov\$4 and etch\$4)  
 L65: (143) 64 and (package or shield\$4 or resin)  
 L66: (133) 65 and (electrode or pad or terminal)  
 L67: (63) 66 and (((leadframe or (lead adj frame)) wi  
 L68: (49) 67 and (((leadframe or (lead adj frame)) wi  
 L69: (510) 27 28 38 32 33 34 35 44 45 46 47 48 49 50  
 L70: (70) 66 not 67  
 L71: (70) 70 not 69  
 L72: (30) 64 not 66

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DB: USPAT.US-PGPUBLEPO-JPO-IBM_TDB				
<input checked="" type="checkbox"/> Blanks <input type="checkbox"/> Highlight all hit terms initially				
67 and (((leadframe or (lead adj frame)) with (manufactur\$4 or Form\$4 or Creat\$4 or fabricat\$4))).clm.				

	U	I	PT	P	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	R	Inventor	S	C
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040108	20040108	10	Lead-frame-based semiconductor package and fabrication method thereof	257/676	257/787; 438/123; 438/124	<input type="checkbox"/>	Chen, Holman et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20030153129	20030814	9	Method for fabricating preplated nickel/palladium and tin leadframes	438/123		<input type="checkbox"/>	Abbott, Donald C.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20030151120	20030814	19	Lead-frame forming for improved thermal performance	257/666		<input type="checkbox"/>	Hundt, Michael J. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20030141577	20030731	15	Short-prevented lead frame and method for fabricating semiconductor package with the	257/676	257/670; 257/787	<input type="checkbox"/>	Hung, Jui-Hsiang et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20030127713	20030710	19	Methods of fabricating multilevel leadframes and semiconductor devices	257/666	257/E23.039	<input type="checkbox"/>	Schoenfeld, Aaron	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20030116833	20030626	11	Lead-frame strip and method of manufacturing semiconductor packages using the same	257/666		<input type="checkbox"/>	Lee, Sang-kyun et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20030092216	20030515	10	METHOD OF MANUFACTURING A SEMICONDUCTOR PACKAGE WITH A LEAD FRAME HAVING A SUPPORT STRUCTURE	438/106		<input type="checkbox"/>	Lee, Meng-Tsang et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20030090877	20030515	25	Lead frame, resin sealing mold and method for manufacturing a semiconductor device using the	361/723	361/690	<input type="checkbox"/>	Ochiai, Isao et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20030501	20030501	16	Lead frame, method of	438/123	438/111	<input type="checkbox"/>	Vaschorn	<input type="checkbox"/>	<input type="checkbox"/>

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L Number	Hits	Search Text	DB	Time stamp
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28	302	takahashi-yoshiharu.in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/23 17:47
29	6	takahashi-yoshiharu.in. and (leadframe and (die or chip or "IC"))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/23 17:47
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31	41	(takahashi-yoshiharu.in. and (leadframe and (die or chip or "IC")))) (takahashi-yoshiharu.in. and (lead adj frame and (die or chip or "IC"))))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/23 17:47
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37	0	6650012.URPN.	USPAT	2004/03/23 17:47
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41	67	((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((("5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.) and (method or process), and (package or shield\$4 or resin)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/23 17:48
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43	60	(((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in.(("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((("5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process)) and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/23 17:49
52	58	((("3838984"   "4054238"   "4530152"   "4707724"   "4756080"   "4812896"   "5029386"   "5041902"   "5157480"   "5172213"   "5172214"   "5200362"   "5200809"   "5214845"   "5216278"   "5221642"   "5258094"   "5273938"   "5277972"   "5278446"   "5279029"   "5332864"   "5336931"   "5343076"   "5406124"   "5410180"   "5424576"   "5435057"   "5474958"   "5521429"   "5604376"   "5608267"   "5639990"   "5640047"   "5641997"   "5646831"   "5650663"   "5683806"   "5696666"   "5701034"   "5710064"   "5736432"   "5776798"   "5783861"   "5835988"   "5859471"   "5866939"   "5877043"   "5886398"   "5894108"   "5977613"   "5977630"   "5981314"   "5986885"   "6001671"   "6025640"   "6072228"   "6130115"   "6130473"   "6140154"   "6143981"   "6184465"   "6198171"   "6225146"   "6229200"   "6242281"   "6281568"   "6294100"   "6444499"   "6464121"   "6563209").PN.) and ((lead adj frame) or (leadframe))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/23 17:50
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45	46	((((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process)) and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)) not ((((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process)) and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)) and ((lead adj frame) or (leadframe)).ti.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/23 17:50
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56	15	<pre> ((((( "3838984"   "4054238"   "4530152"   "4707724"   "4756080"   "4812896"   "5029386"   "5041902"   "5157480"   "5172213"   "5172214"   "5200362"   "5200809"   "5214845"   "5216278"   "5221642"   "5258094"   "5273938"   "5277972"   "5278446"   "5279029"   "5332864"   "5336931"   "5343076"   "5406124"   "5410180"   "5424576"   "5435057"   "5474958"   "5521429"   "5604376"   "5608267"   "5639990"   "5640047"   "5641997"   "5646831"   "5650663"   "5683806"   "5696666"   "5701034"   "5710064"   "5736432"   "5776798"   "5783861"   "5835988"   "5859471"   "5866939"   "5877043"   "5886398"   "5894108"   "5977613"   "5977630"   "5981314"   "5986885"   "6001671"   "6025640"   "6072228"   "6130115"   "6130473"   "6140154"   "6143981"   "6184465"   "6198171"   "6225146"   "6229200"   "6242281"   "6281568"   "6294100"   "6444499"   "6464121"   "6563209").PN.) and ((lead adj frame) or (leadframe))) and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (inner adj lead) and support 6611047.URPN.</pre>	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/23 17:51
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58	30503	(leadframe or (lead adj frame)) and (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/23 17:52
59	18540	((leadframe or (lead adj frame)) and (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)) and ((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/23 17:53
60	2368	(((leadframe or (lead adj frame)) and (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)) and ((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4))) and ((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)).ti. (((leadframe or (lead adj frame)) and (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)) and ((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4))) and ((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)).ti.) and (((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4))).ti.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/23 17:53
61	2368		USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/23 17:57



63	1139	<p>(((((leadframe or (lead adj frame)) and (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)) and ((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4))) and ((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)).ti.) and (((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)).ti.) not ("6650012" takahashi-yoshiharu.in. ((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) (((takahashi-yoshiharu.in. and (leadframe and (die or chip or "IC")))) (takahashi-yoshiharu.in. and (lead adj frame and (die or chip or "IC")))) and (thin adj portion) and (thick adj portion)) ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.</p> <p>((((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process)) and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)) and ((lead adj frame) or (leadframe)).ti.) (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process)) and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)) not (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process)) and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)) and ((lead adj frame) or (leadframe)).ti.) (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process)) not (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process))</p>	USPAT; US_PGPUB; EPO; JPO; IBM_TDB	2004/03/23 17:56
Search History	3/23/2004 6:17:20 PM	3/23/2004 6:17:20 PM	3/23/2004 6:17:20 PM	
		Page 5977613".PN.) 6166430.URPN.)) and (method or process))		
		((("2632693"   "2716268"   "2757443"		
		C:\APPS\EAST\Workspaaag\1p66890.wspshield\$4 or resin)))		

64	163	<p>(((((leadframe or (lead adj frame)) and (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)) and ((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4))) and ((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)).ti.) and (((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)).ti.) not ("6650012" takahashi-yoshiharu.in. ((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion) (((takahashi-yoshiharu.in. and (leadframe and (die or chip or "IC"))))</p> <p>(takahashi-yoshiharu.in. and (lead adj frame and (die or chip or "IC")))) and (thin adj portion) and (thick adj portion) ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.)</p> <p>((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.</p> <p>((((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process) and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)) and ((lead adj frame) or (leadframe)).ti.) (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process) and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)) not (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process) and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)) and ((lead adj frame) or (leadframe)).ti.) (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process) not (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process))</p>	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/23 17:56
Search History	3/23/2004 6:17:20 PM C:\APPS\EAST\Workspac... aasg\1986890.wspshield\$4 or resin))) (("2632693"   "2716268"   "2757443"			





67	63	<p>(((((leadframe or (lead adj frame)) and (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)) and ((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4))) and ((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)).ti.) and (((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)).ti.) not ("6650012" takahashi-yoshiharu.in. ((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion) (((takahashi-yoshiharu.in. and (leadframe and (die or chip or "IC")))) (takahashi-yoshiharu.in. and (lead adj frame and (die or chip or "IC")))) and (thin adj portion) and (thick adj portion) ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.</p> <p>(((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process) and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)) and ((lead adj frame) or (leadframe)).ti.) (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process) and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)) not (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process) and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)) and ((lead adj frame) or (leadframe)).ti.) (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process) not (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process))</p>	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/23 17:58
Search History	3/23/2006 9:17:20 AM C:\APPS\EAST\Workspac... asas\1p66890.wxpshield\$4 or resin))) (("2632693"   "2716268"   "2757443"			



69	510	<p>"6650012" takahashi-yoshiharu.in.      (((lead adj frame) or (leadframe)) and      (thin adj portion) and (thick adj      portion)) (((takahashi-yoshiharu.in. and      (leadframe and (die or chip or "IC"))))      (takahashi-yoshiharu.in. and (lead adj      frame and (die or chip or "IC")))) and      (thin adj portion) and (thick adj      portion)) ("5389816"   "5723903"        "6081029"   "6087201"   "6166430").PN.)      (((("5294827"   "5521429"   "5841187"        "5844307"   "5900676"   "5973388"        "5977613").PN.) 6166430.URPN.      (((((((lead adj frame) or (leadframe))      and (thin adj portion) and (thick adj      portion)) not (takahashi-yoshiharu.in.      ("5389816"   "5723903"   "6081029"        "6087201"   "6166430").PN.) ((("5294827"        "5521429"   "5841187"   "5844307"        "5900676"   "5973388"   "5977613").PN.)      6166430.URPN.)) and (method or process))      and (package or shield\$4 or resin)) and      (electrode or terminal or pad)) and      (plurality)) and ((lead adj frame) or      (leadframe)).ti.) (((((lead adj frame)      or (leadframe)) and (thin adj portion)      and (thick adj portion)) not      (takahashi-yoshiharu.in. ("5389816"        "5723903"   "6081029"   "6087201"        "6166430").PN.) ((("5294827"   "5521429"        "5841187"   "5844307"   "5900676"        "5973388"   "5977613").PN.)      6166430.URPN.)) and (method or process))      and (package or shield\$4 or resin)) and      (electrode or terminal or pad)) and      (plurality)) not ((((((lead adj frame)      or (leadframe)) and (thin adj portion)      and (thick adj portion)) not      (takahashi-yoshiharu.in. ("5389816"        "5723903"   "6081029"   "6087201"        "6166430").PN.) ((("5294827"   "5521429"        "5841187"   "5844307"   "5900676"        "5973388"   "5977613").PN.)      6166430.URPN.)) and (method or process))      and (package or shield\$4 or resin)))      ("2632693"   "2716268"   "2757443"        "2958120"   "3039177"   "3148098"        "3389461"   "3678577"   "3923566"        "3990142"   "4090293"   "4363930"        "4396457"   "4651417"   "4867839"        "4912844"   "5004521"   "5100498"        "5148265"   "5148266"   "5194698"     </p>	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/23 18:05
Search History	3/23/2004 17:20 PM	Page 14 5489749 5491302 5518964 5629239 5648682		
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70	70	<p>(((((((leadframe or (lead adj frame)) and (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)) and ((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4))) and ((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)).ti.) and (((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4))).ti.) not ("6650012" takahashi-yoshiharu.in. (((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion))</p> <p>((takahashi-yoshiharu.in. and (leadframe and (die or chip or "IC")))</p> <p>(takahashi-yoshiharu.in. and (lead adj frame and (die or chip or "IC")))) and (thin adj portion) and (thick adj portion)) ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.)</p> <p>((("5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.</p> <p>((((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ("5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process))</p> <p>and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)) and ((lead adj frame) or (leadframe)).ti.) (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ("5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process))</p> <p>and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)) not (((((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ("5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process))</p> <p>and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)) not (((((lead adj frame) or (leadframe)).ti.) (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ("5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process))</p> <p>not (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.) ("5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) 6166430.URPN.)) and (method or process))</p>	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/23 18:05
Search History	3/23/2004 6:17:20 PM	Page="5977613").PN.) 6166430.URPN.)) and (method or process)) C:\APPS\EAST\Workspac...ge\1pac...ge.wspshield\$4 or resin)))		

71	70	<p>(((((((leadframe or (lead adj frame)) and (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)) and ((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4))) and ((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4)).ti.) and (((leadframe or (lead adj frame)) with (manufactur\$4 or form\$4 or creat\$4 or fabricat\$4))).ti.) not ("6650012" takahashi-yoshiharu.in. (((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) (((takahashi-yoshiharu.in. and (leadframe and (die or chip or "IC")))</p> <p>(takahashi-yoshiharu.in. and (lead adj frame and (die or chip or "IC")))) and (thin adj portion) and (thick adj portion)) ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.)  <math display="block">((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) \ 6166430.URPN.</math> <p>((((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.)  <math display="block">((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) \ 6166430.URPN.)) and (method or process))</math></p> <p>and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)) and ((lead adj frame) or (leadframe)).ti.) (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.)  <math display="block">((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) \ 6166430.URPN.)) and (method or process))</math></p> <p>and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)) not (((((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.)  <math display="block">((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) \ 6166430.URPN.)) and (method or process))</math></p> <p>and (package or shield\$4 or resin)) and (electrode or terminal or pad)) and (plurality)) and ((lead adj frame) or (leadframe)).ti.) (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.)  <math display="block">((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) \ 6166430.URPN.)) and (method or process))</math></p> <p>not (((((lead adj frame) or (leadframe)) and (thin adj portion) and (thick adj portion)) not (takahashi-yoshiharu.in. ("5389816"   "5723903"   "6081029"   "6087201"   "6166430").PN.)  <math display="block">((5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.) \ 6166430.URPN.)) and (method or process))</math></p> </p>	USPAT; US-PPGPUB; EPO; JPO; IBM_TDB	2004/03/23 18:05
Search History	3/23/2006 6:17:20 PM	5973388 Page "5977613").PN.) 6166430.URPN.)) and (method or process)) C:\APPS\EAST\Workspaa88\19868990.wspshield\$4 or resin)))		

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6166430.URPN.) and (method or process)  
paess\1ps68990.wspshield\$4 or resin)))  
(("2632693" | "2716268" | "2757443" |